

Re Run

#11

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RAW SEQUENCE LISTING

DATE: 05/09/2003

PATENT APPLICATION: US/09/870,353A

TIME: 14:31:42

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Output Set: N:\CRF4\05072003\I870353A.raw

1 <110> APPLICANT: Wang, Yan
 2 Xi, Lei
 3 Prosen, Dennis E.
 4 MJ Bioworks, Inc.
 5 <120> TITLE OF INVENTION: Improved Nucleic Acid Modifying Enzymes
 6 <130> FILE REFERENCE: 020130-000111US
 C--> 7 <140> CURRENT APPLICATION NUMBER: US/09/870,353A
 8 <141> CURRENT FILING DATE: 2001-05-30
 9 <150> PRIOR APPLICATION NUMBER: US 60/207,567
 10 <151> PRIOR FILING DATE: 2000-05-26
 11 <150> PRIOR APPLICATION NUMBER: US 09/640,958
 12 <151> PRIOR FILING DATE: 2000-08-16
 13 <160> NUMBER OF SEQ ID NOS: 34
 14 <170> SOFTWARE: PatentIn Ver. 2.1
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 19 <213> ORGANISM: Artificial Sequence
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 23 binding protein Ssod7d
 24 <220> FEATURE:
 25 <221> NAME/KEY: CDS
 26 <222> LOCATION: (1)..(189)
 27 <223> OTHER INFORMATION: Ssod7d
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 35 <211> LENGTH: 63
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 41 binding protein Ssod7d
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57 <223> OTHER INFORMATION: Description of Artificial Sequence:fusion protein
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104 <400> SEQUENCE: 4
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109     Lys Met Ile Ser Phe Thr Tyr Asp Glu Gly Gly Gly Lys Thr Gly Arg
110             35             40             45
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112             50             55             60
113     Glu Lys Gln Lys Lys Gly Gly Gly Val Thr Ser Pro Lys Ala Leu Glu
114             65             70             75             80
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117     Ser Arg Lys Glu Pro Met Trp Ala Asp Leu Leu Ala Leu Ala Ala
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120             115            120            125
121     Asp Leu Lys Glu Ala Arg Gly Leu Leu Ala Lys Asp Leu Ser Val Leu
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123     Ala Leu Arg Glu Gly Leu Gly Leu Pro Pro Gly Asp Asp Pro Met Leu
124     145-----150-----155-----160-----
125     Leu Ala Tyr Leu Leu Asp Pro Ser Asn Thr Thr Pro Glu Gly Val Ala
126             165            170            175
127     Arg Arg Tyr Gly Gly Glu Trp Thr Glu Glu Ala Gly Glu Arg Ala Ala
128             180            185            190
129     Leu Ser Glu Arg Leu Phe Ala Asn Leu Trp Gly Arg Leu Glu Gly Glu
130             195            200            205
131     Glu Arg Leu Leu Trp Leu Tyr Arg Glu Val Glu Arg Pro Leu Ser Ala
132             210            215            220
133     Val Leu Ala His Met Glu Ala Thr Gly Val Arg Leu Asp Val Ala Tyr
134             225            230            235            240
135     Leu Arg Ala Leu Ser Leu Glu Val Ala Glu Glu Ile Ala Arg Leu Glu
136             245            250            255
137     Ala Glu Val Phe Arg Leu Ala Gly His Pro Phe Asn Leu Asn Ser Arg
138             260            265            270
139     Asp Gln Leu Glu Arg Val Leu Phe Asp Glu Leu Gly Leu Pro Ala Ile
140             275            280            285
141     Gly Lys Thr Glu Lys Thr Gly Lys Arg Ser Thr Ser Ala Ala Val Leu
142             290            295            300
143     Glu Ala Leu Arg Glu Ala His Pro Ile Val Glu Lys Ile Leu Gln Tyr
144             305            310            315            320
145     Arg Glu Leu Thr Lys Leu Lys Ser Thr Tyr Ile Asp Pro Leu Pro Asp

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151      Ile Pro Val Arg Thr Pro Leu Gly Gln Arg Ile Arg Arg Ala Phe Ile
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156          405          410          415
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160          435          440          445
161      Thr Ile Asn Phe Gly Val Leu Tyr Gly Met Ser Ala His Arg Leu Ser
162          450          455          460
163      Gln Glu Leu Ala Ile Pro Tyr Glu Glu Ala Gln Ala Phe Ile Glu Arg
164      465          470          475          480
165      Tyr Phe Gln Ser Phe Pro Lys Val Arg Ala Trp Ile Glu Lys Thr Leu
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191 <223> OTHER INFORMATION: Description of Artificial Sequence:fusion protein
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193 <220> FEATURE:
194 <221> NAME/KEY: CDS
195 <222> LOCATION: (1)..(2763)

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VERIFICATION SUMMARY

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